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2/23/67

Black & Decker®



SPECIAL CORDLESS POWER TOOLS FOR THE AUTOMOTIVE INDUSTRY

During the past fifteen months, two new Cordless Power Tools have been undergoing on-job testing in Automotive assembly-line work. Their capabilities are in the area of small hole drilling and small fastener assembly in body interiors and trunks (installation of window trim, radios, speakers, carpets, wire holders, accessories, etc.).

Prime advantages are complete portability, versatility, shock-proof safety, and freedom from dangling cords which can soil car interiors. They are extremely compact tools that can help overcome the problems of working in close quarters or confined areas. This same compactness, along with engineered weight distribution for balance, make these tools very maneuverable and comfortable to handle. Operating time between charges varies from 2 to 8 hours depending upon the operation, and an exclusive solid-state power pack charger quickly recharges the packs in one hour.

Acceptance of these two new experimental Cordless Tools has been so gratifying that we are now marketing them wherever drilling and assembly operations are within their capabilities. We would certainly welcome the opportunity to demonstrate and test them on your light-assembly operations. (Send in the coupon in this folder.)



No. 964 AUTOMOTIVE REVERSIBLE CORDLESS SCRUGUN®

& No. 60275 AUTOMOTIVE POWER PACK

FEATURES: Completely cordless . . . no belt pack or heavy battery to carry • Versatile—use anywhere. • Shock-proof. • Quiet running. • Operates from 2 to 8 hours between charges on typical applications. • Spindle idles and bit is stationary until screw slot is "found" and forward pressure engages clutch. • Clutch ratchets when fastener is seated. • Power pack recharges in one hour. Use of extra power pack permits continuous production service. • Heavy-duty trigger switch with silver contacts for low voltage drop and long life. • Bearings are ball and needle types with one heavy-duty sleeve bearing at front end of spindle. • Includes 3 Phillips Head Bits (Nos. 54595—#1 point, 54592—#2 point, 54594—#3 point).

SCREWDRIVING CAPACITY IN METAL:

Self-tapping screws—Up to No. 8
(No. 10 on certain applications)

Machine screws and nuts—Up to No. 12

No-load RPM—1200 Rated load RPM—1100
Length—6⁷/₁₆"

Net weight (with power pack)—3 lb. 14 oz.

**QUICK-CHANGE
BIT CHUCK**

**SMALL
DIAMETER
PERMANENT
MAGNET MOTOR**

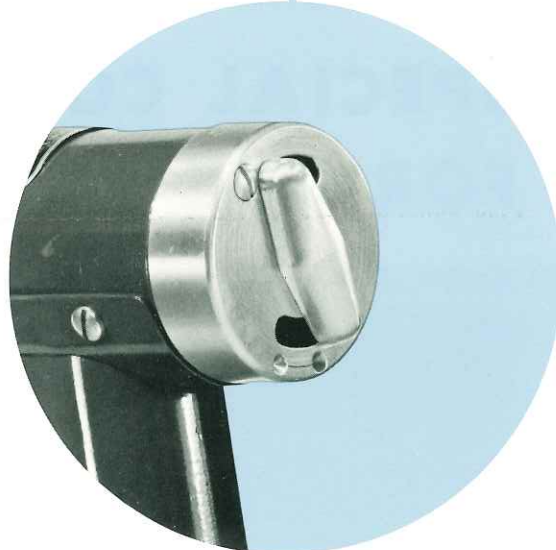
**CONVENIENT
QUICK-ACTION
REVERSING
SWITCH**

**3-TOOTH
CLUTCH FOR
POSITIVE
ACTION**

**TRIGGER
SWITCH HAS
SILVER CONTACTS
FOR LONG LIFE**

**NICKEL-CADMIUM
POWER PACK
IS EASILY
REMOVED
FOR CHARGING**

**No. 964 AUTOMOTIVE REVERSIBLE
CORDLESS SCRUGUN®
and No. 60275 POWER PACK**



No. 61400 AUTOMOTIVE POWER PACK CHARGER

This new production line charger is a completely new and exclusive product of Black & Decker engineering research. Its capacity is from one to six power packs and *each depleted pack is fully recharged after only one hour in the charger.* This means that with 12 power packs *at least* 6 Cordless Tools can be kept in continuous production service.

Quick-charging action also extends pack life by permitting the maximum number of recharging cycles. Pack capacity also remains greater, permitting maximum charges on each cycle.

Pilot lights give a clear indication of the state of charge of each pack in the charger. When a depleted pack is placed in the charger, the red and amber lights go on—the amber indicating a high rate of charge. Upon completion of the charge, the amber light goes out, but the red light stays on. This indicates a “trickle” charging action which maintains full capacity in the power pack until it is ready for use.

Solid state circuitry insures consistent trouble-free operation. Charger compensates for temperature changes in the battery and surrounding air.



No. 60275 AUTOMOTIVE POWER PACK

Specially designed nickel-cadmium Power Packs are long cycle life batteries. They are maintenance-free and safety vented. Continuous production work can be accomplished by having additional Power Packs . . . eliminating any waiting for recharging. It is recommended that two power packs per tool be available—one in the tool and one in the charger—to guarantee continuous production service.

**FOR MORE
INFORMATION**

To: BLACK & DECKER, Towson, Maryland 21204
Attention: JAMES H. MILLER

Please have your representative contact me regarding the Cordless Assembly Tools described in this folder:

Name and Title.....

Company.....

Address.....

Phone No.....

Type of Application.....



No. 965 AUTOMOTIVE CORDLESS DRILL

and No. 60275 AUTOMOTIVE POWER PACK

Drilling Capacity in steel or aluminum..... $\frac{1}{8}$ " holes
No-load RPM.....3000 Rated load RPM.....2500
Length..... $7\frac{11}{16}$ " Net weight.....4 lbs. 2 oz. (w/power pack)

FEATURES: Completely cordless . . . no belt pack or heavy battery to carry. •Versatile—use anywhere. •Shock-proof. Quiet running. •Operates from 2 to 8 hours between charges, on typical application. •Power pack recharges in one hour. Use of extra power pack permits continuous production service. •Heavy-duty trigger switch with silver contacts for low voltage drop and long life. •Bearings are ball and needle types with one heavy-duty sleeve bearing at front end of spindle.

POWER/TIME FACTOR

Due to the variations of materials and operator techniques, the number of holes that can be drilled, or the number of screws that can be driven on your particular job cannot be accurately stated in advance. Therefore, it is recommended that you send in the coupon in this folder so that a Black & Decker representative can demonstrate the degree of efficiency of these Cordless Tools on your job.

Actual production work and laboratory tests show that these tools will operate from 2 to 8 hours, depending upon the application. Power Pack recharging time is one hour.



The **Black & Decker** Mfg. Co.
Towson, Maryland 21204